

703 MONOLEC® GEAR LUBRICANT

CITY OF SIMI VALLEY WWTP, California

Sterling Gear Reducer on Clarifier • SIC 4952 Sewerage Systems

703 MONOLEC® GEAR LUBRICANT = Reduced Wear, Service Life, Versatility

CUSTOMER TESTIMONIAL

CUSTOMER PROFILE

The City of Simi Valley has a population of 85,000 and a growth rate of 2.6% per year. The City's Wastewater Treatment Plant received the coveted California State *Plant of the Year for 1996*. They have been an LE customer since 1988.

APPLICATION

The primary and secondary clarifiers use a gear reducer to turn the spray arms.

AREA OF INTEREST

The City's WWTP clarifier arms are turned through a Sterling gear reducer with the spray arm tracking on a Pacific Process ring gear. Hoyt Pemberton, Maintenance Supervisor, wanted a gear oil that was multi-viscosity, EP rated and which met all of the manufacturer's specifications. He was also looking for long drain service, no discernible residue, and a lubricant that would protect the seals in the gear reducer. Hoyt Pemberton would not allow any lubricant to drip into the effluent and contaminate the process. The Sterling gear reducer OEM specifications required an 80W90 EP gear lubricant, with a Timken load of 70 lbs.

LE SOLUTION

LE's 703 MONOLEC Gear Lubricant met both the OEM's specifications and the Maintenance Supervisor's requirements. LE's 703 is a versatile, multi-viscosity EP gear oil which exceeds the demanding requirements of all types of industrial gearboxes. It is "seal friendly", and because it is a multi-viscosity, can be used in both summer and winter months.

CUSTOMER COST SAVINGS

The long drain requirement of Hoyt Pemberton was met with LE's 703's ability to carry loads and extend the drain interval to 12 months. The Sterling gear reducers have not failed and inspection of the gearing shows no measurable wear.

OTHER PRODUCTS USED

The City of Simi Valley also uses LE's 607 ALMASOL® Vari-Purpose Gear Lubricant; 3752 ALMAGARD Vari-Purpose Lubricant, 6110 & 6120 MONOLEC® Hydraulic Oil, 6402, 6405 & 6407 MONOLEC® R&O Compressor/Turbine Oil, 2100 NUTRIGENT, 9150 MONOLEC® Synthetic Air Compressor Oil and 8430 MONOLEC® GFS Engine Oil.

We want to thank Hoyt Pemberton, Maintenance Supervisor and the local LE Representative for the information provided to prepare this report.

Based on actual user experience. Individual results may vary. Product used not intended to supersede manufacturer's specifications.

**LUBRICATION
ENGINEERS, Inc.**

Leaders in Lubricants



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